

SEQUENCE LISTING

SEQ ID NO: 1

aa and nucleic acid sequence of p60 subunit of katanin (see Gen  
protein sequence of the *S. purpuratus* katanin p60 subunit (GENBANK AF052191

SEQ ID NO: 2

aa and nucleic acid sequence of p80 subunit of katanin  
full-length p80 cDNA (GENBANK accession #AF052433

SEQ ID NO: 3  
XKCM1 Seq Info.

MERLVATRLV	TGLAVKIMRS	NGVIIHANIT	SVNMDRSSVN	VEWKEGEANK	50
GKEISFADVI	SVNPELDAV	LAPTHVKEM	PPQRNVSSQN	HRRKTISKIP	100
APKGVAAKNS	LLSESGAQS	LRERSTRMTA	IHETLPYNE	MEAES	150
QQNSVQARSR	STKV	SIAEEP	RQTRISEIV	TPLPI	200
EMERCKMKRS	EQRQNYERR	MGRAQDYDTS	EESLPSGRNN	QGRRKSNIVK	250
RISNA	DPAAE	KRIVCVCRXR	PLNKQELS	KMIEFRATMDCH	300
KVDLTKYLEN	QAFRFDPSFD	ETATNEVVYR	ETDIISVPSK	NIVLVHEPKL	350
YGGQGSGKTH	TMGGDFSGKS	QNVSGVYAF	FTARPLVQSI	FEGGKATCFA	400
VVFVTFEIYN	GKVPDLLNKK	TKLRVLEDAR	ASRDVFL	QPRYKHLDD	450
IKMIEIGSACR	TSGQTFANTS	SRSRSHACLQI	QEVQVGGILLE	KQVTSADDVF	500
ERGVDTASAD	RITRMKGAEI	NRSLLALKEC	ILRQGSKLHG	KFSLVVDLAGN	550
TLRDSFIGEN	SRTCMIAMLS	PGFNSCETTL	IRALCONKSH	TPEFRESKLTQ	600
DDNLOMEDSG	GSHASIEGLQ	LQDDFLLKDE	NTLRYADRVK	ELSPQNAETN	650
KAVDELRELV	QKEPEWTNLL	QHTEQPDYDL	ELSTHNSFQD	ALNRVGELED	700
LGDINSRL	ALQVEEQASK	QISKKKRSNK	ENFVMQAEYL	IQERSKVLLIA	730

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